



PHLECS launches the Full Body Blue Light device that offers a new therapy for psoriasis patients.

High Tech Campus Eindhoven, the Netherlands

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Dutch MedTech start-up PHLECS has just obtained the medical CE marking for their Full Body Blue Light Device and will start its commercialization in Europe from April 2020 onwards. The medical device works with blue LED (light emitting diodes) light which has beneficial effects on people suffering from psoriasis.

Psoriasis affects around 125 million people worldwide with symptoms such as redness, scaling and thick psoriasis plaques. 80% of psoriasis patients suffer from the most common form psoriasis vulgaris, also known as plaque psoriasis. It is caused by the overly rapid proliferation of skin cells and can be accompanied by painful and itching inflammation.

A specific blue light treatment addresses plaque symptoms by inducing natural processes in the skin. It helps skin to renew itself properly by slowing the accelerated production of skin cells associated with plaque psoriasis. Due to its anti-inflammatory effects, blue light controls unregulated inflammation and can alleviate the symptoms of affected skin. Clinical studies have demonstrated that the UV-free blue LED light emitted by devices such as the PHLECS' Full Body Blue Light, induces natural, drug-free processes in the skin to significantly reduce symptoms of psoriasis vulgaris.

A single treatment equals 15 minutes per body side.

PHLECS Full Body targets all plaque psoriasis adult patients. In particular, physicians might find it beneficial to use PHLECS Full Body on the following patient profiles:

- Patients for whom alternative treatments are not effective enough or are not eligible.
- Patients who have reached their maximum level of UV dosage. Thresholds to trigger skin cancer screening start at 200 PUVA and respectively 500 UV treatments.
- Untreated patients. Up to half of the mild psoriasis patients (49.2%) remain untreated, which can be due to alternative treatments not being convenient and thus leading to a low compliance.



For more information:

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PHLECS.B.V. is a Dutch start-up founded by 3 former PHILIPS Light & Health employees with many years of experience in photo-dermatology, and 2 domain experts. Over the last 10 years extensive clinical research has been conducted on photo-dermatology treatments using UV-free LED lighting. Many studies (<https://www.phlecs.com/clinical-studies/>) have been published that show the efficacy of blue light therapy for the treatment of skin diseases such as Psoriasis or Eczema. PHLECS develops and commercializes photo-dermatology solutions, based on a proprietary full body blue light platform.